

## ABSTRACT

A selective synergistic postemergent herbicide composition is provided for the control of undesired broadleaf vegetation and grassy weeds comprising the combination of quinclorac and a selective herbicidal protox inhibitor. About 0.05 part to about 0.1 part by weight of the protox inhibitor is provided for each part by weight of quinclorac. Better synergistic results are obtained from the combination of quinclorac, a selective herbicidal protox inhibitor, and a selective herbicidal auxinic agent. About 0.05 part to about 0.1 part by weight of the protox inhibitor is provided for each part by weight of quinclorac, and about 1 part to about 4 parts by weight of the auxinic herbicidal agent for each part by weight of quinclorac. The synergistic composition hereof has been found to provide more rapid and better control of grassy weeds such as crabgrass than presently registered herbicides.